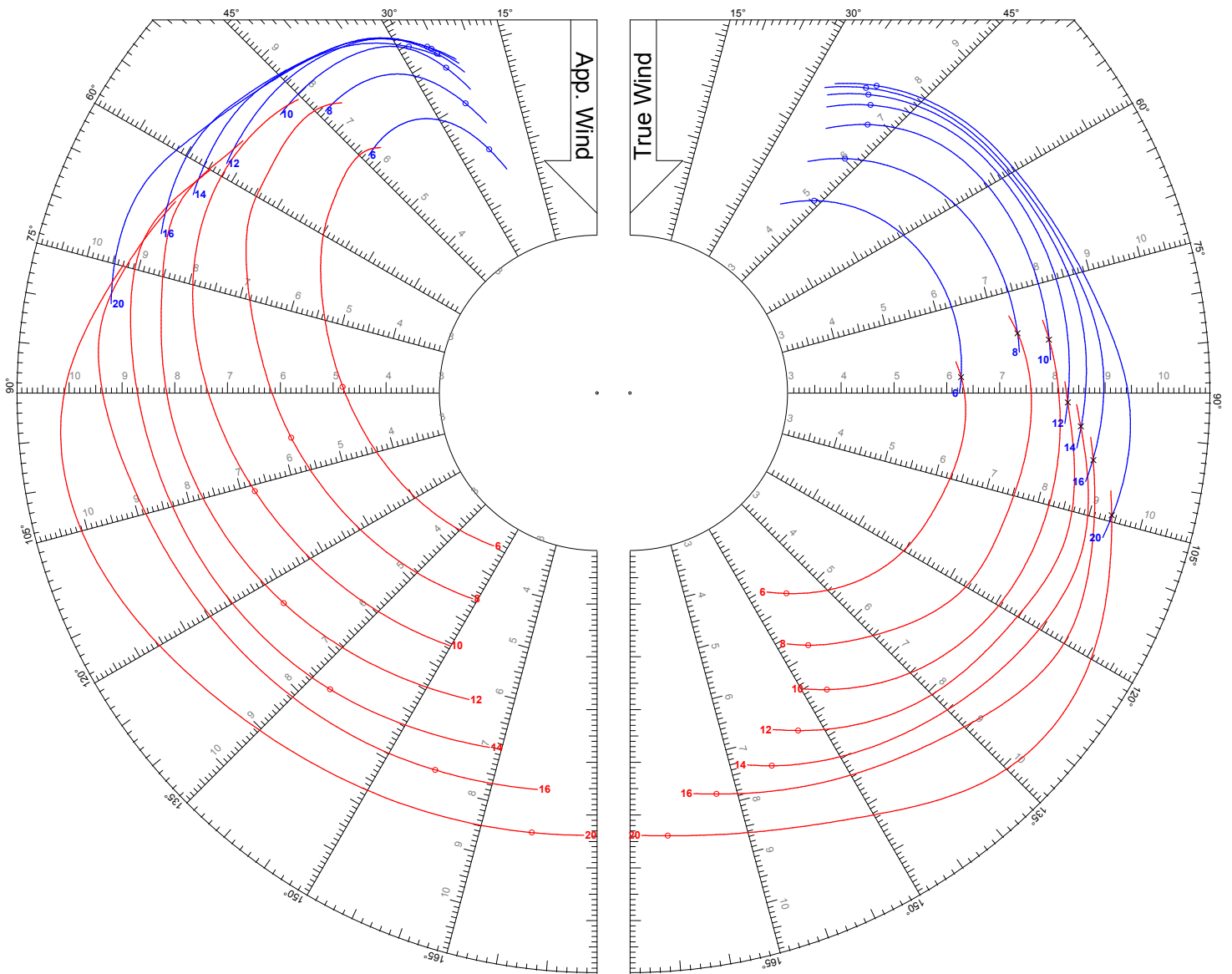


SPEED GUIDE

DEEP KEEL CARBON ASYMMETRIC



Polar Plot for Boat	
Name	Dehler42
Class	DEHLER 42
Designer	JUDEL/VROLIJK
Builder	DEHLER
Issued On	31.07.2015 - VPP 2015 1.01

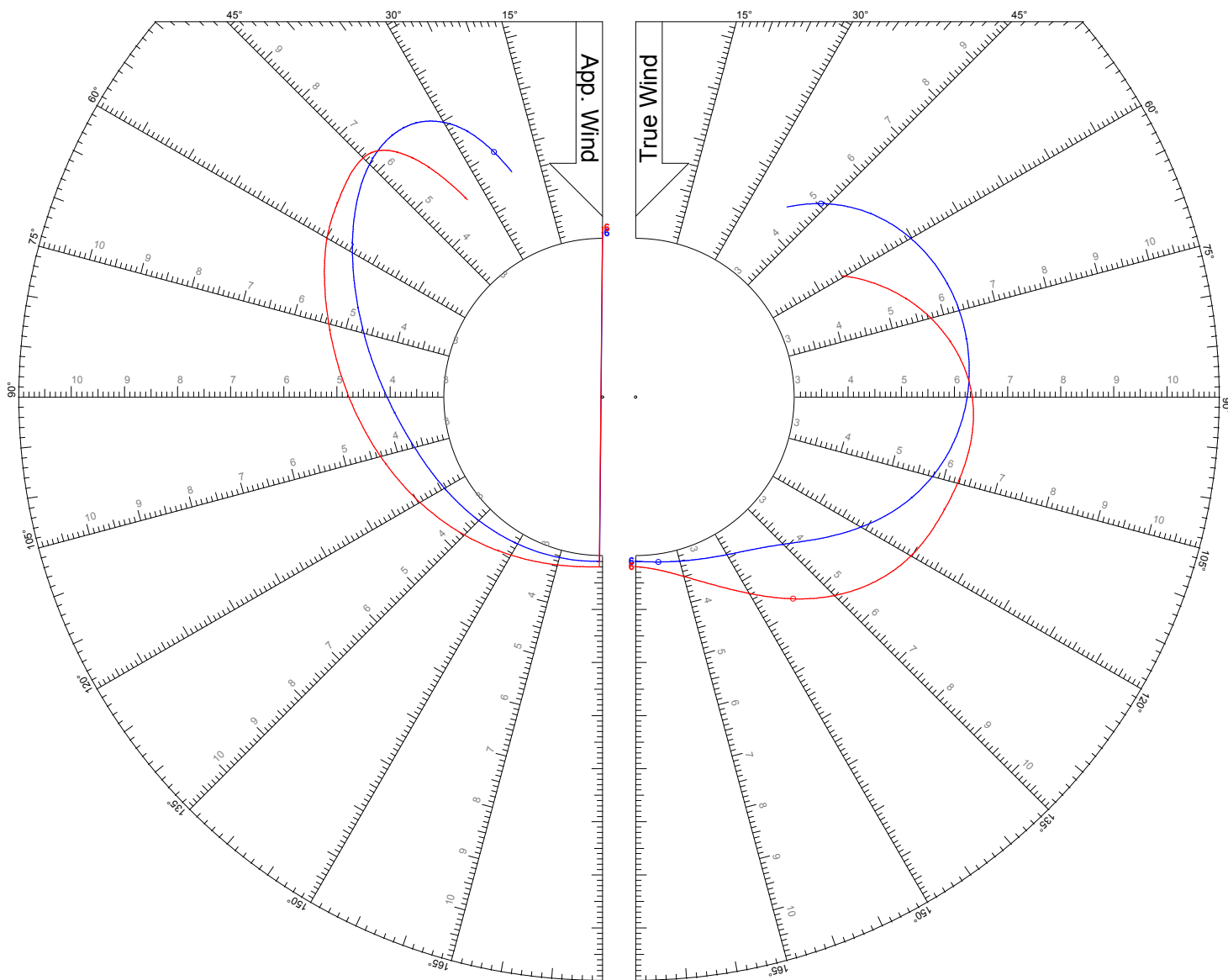
TWS: 6, 8, 10, 12, 14, 16, 20 kts

Jib

Asymmetric Spinnaker on Centerline

SPEED GUIDE

DEEP KEEL CARBON ASYMMETRIC



Polar Plot for Boat

Name **Dehler42**
Class **DEHLER 42**
Designer **JUDEL/VROLIJK**
Builder **DEHLER**
Issued On **31.07.2015 - VPP 2015 1.01**

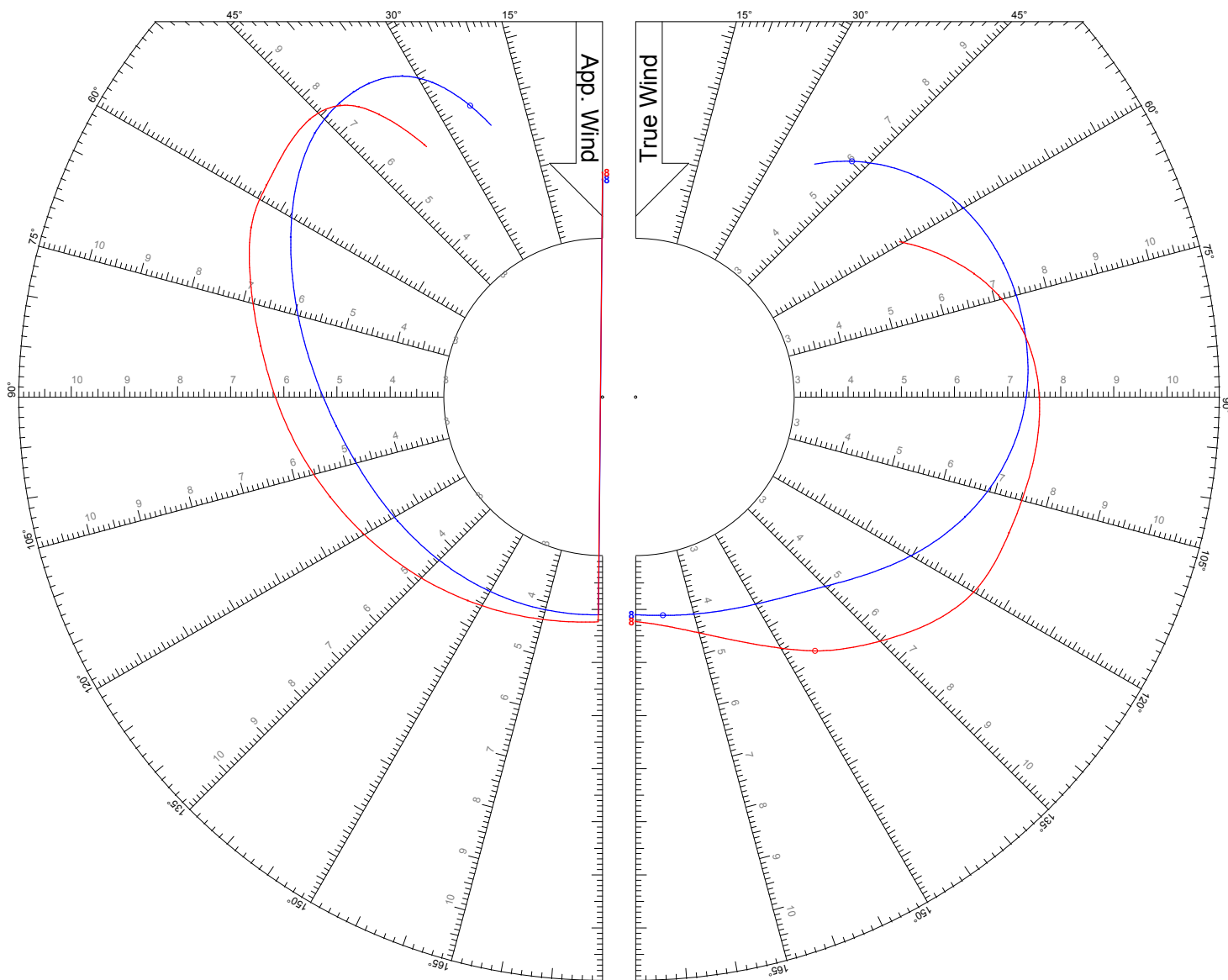
TWS: 6 kts

Jib

Asymmetric Spinnaker on Centerline

SPEED GUIDE

DEEP KEEL CARBON ASYMMETRIC



Polar Plot for Boat

Name **Dehler42**
Class **DEHLER 42**
Designer **JUDEL/VROLIJK**
Builder **DEHLER**
Issued On **31.07.2015 - VPP 2015 1.01**

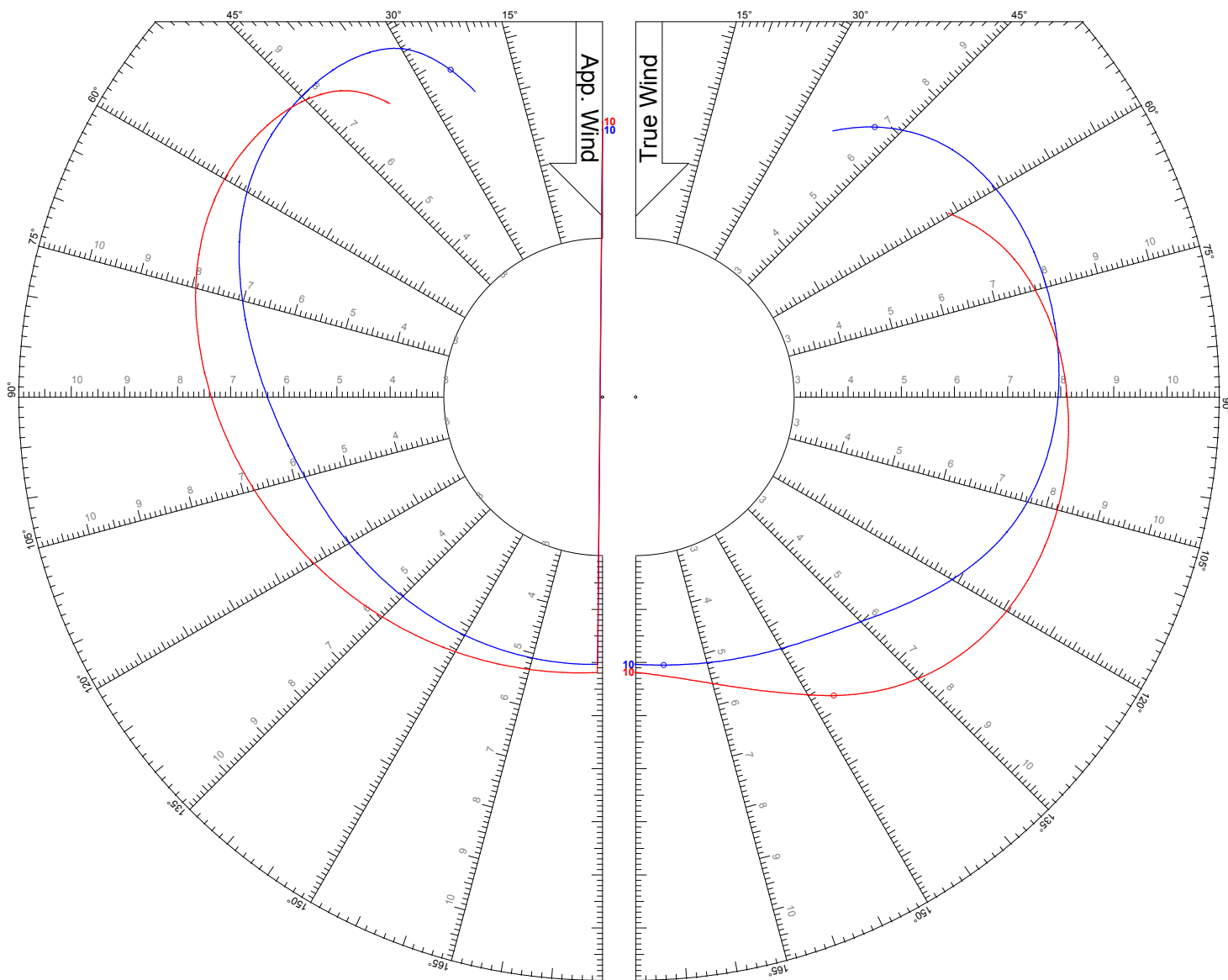
TWS: 8 kts

Jib

Asymmetric Spinnaker on Centerline

SPEED GUIDE

DEEP KEEL CARBON ASYMMETRIC



Polar Plot for Boat

Name **Dehler42**
Class **DEHLER 42**
Designer **JUDEL/VROLIJK**
Builder **DEHLER**
Issued On **31.07.2015 - VPP 2015 1.01**

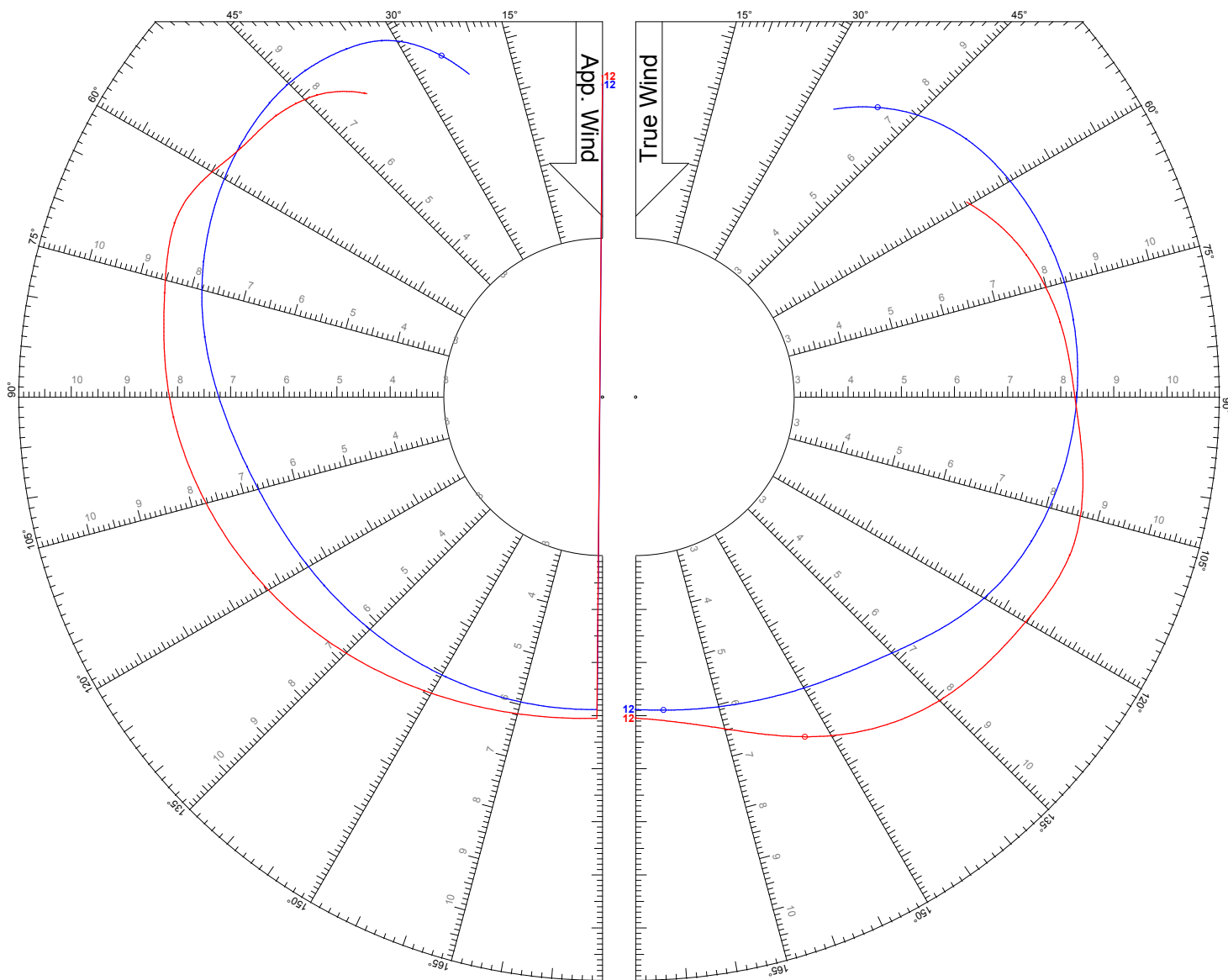
TWS: 10 kts

Jib

Asymmetric Spinnaker on Centerline

SPEED GUIDE

DEEP KEEL CARBON ASYMMETRIC



Polar Plot for Boat

Name **Dehler42**
Class **DEHLER 42**
Designer **JUDEL/VROLIJK**
Builder **DEHLER**
Issued On **31.07.2015 - VPP 2015 1.01**

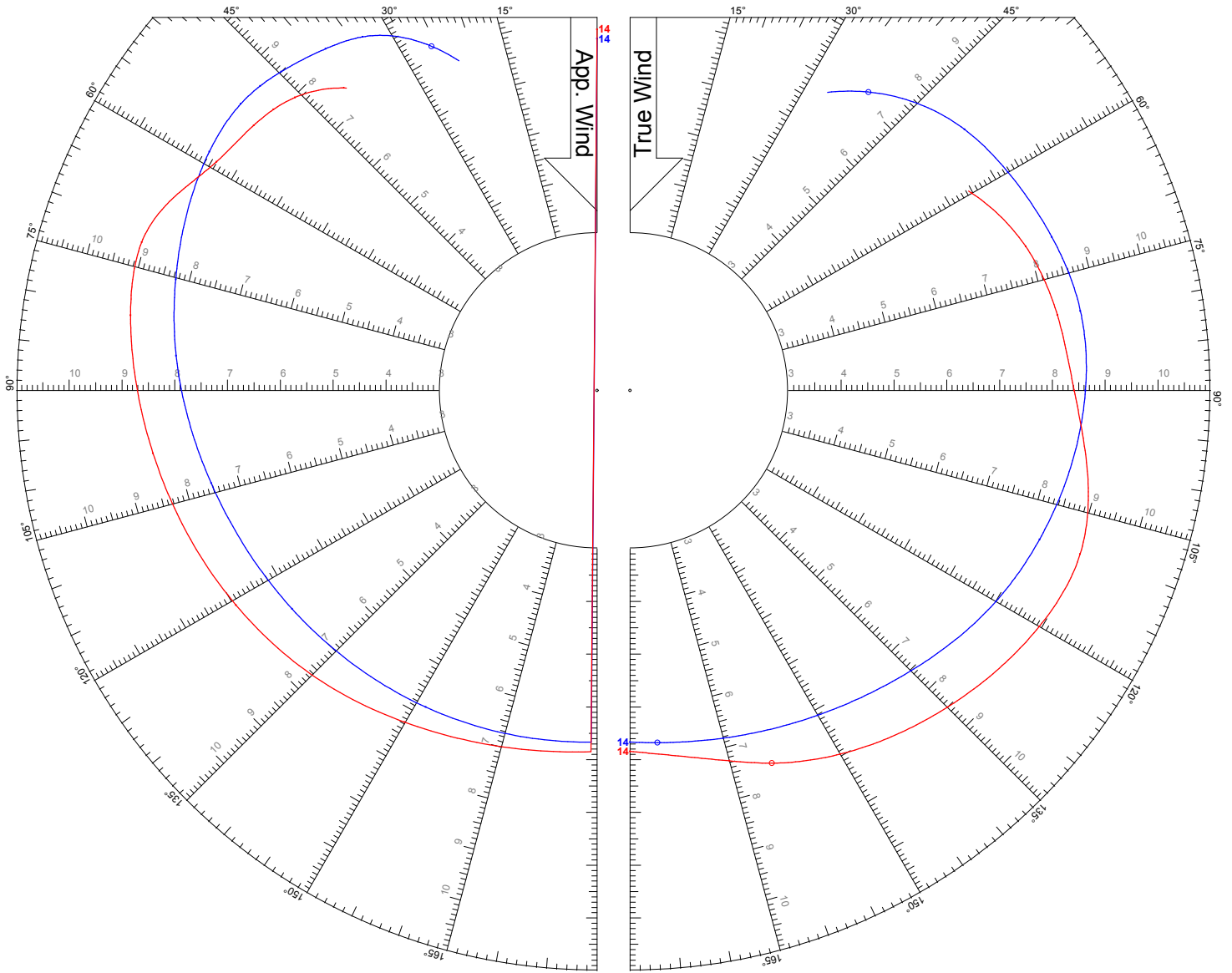
TWS: 12 kts

Jib

Asymmetric Spinnaker on Centerline

SPEED GUIDE

DEEP KEEL CARBON ASYMMETRIC



Polar Plot for Boat

Name **Dehler42**
Class **DEHLER 42**
Designer **JUDEL/VROLIJK**
Builder **DEHLER**
Issued On **31.07.2015 - VPP 2015 1.01**

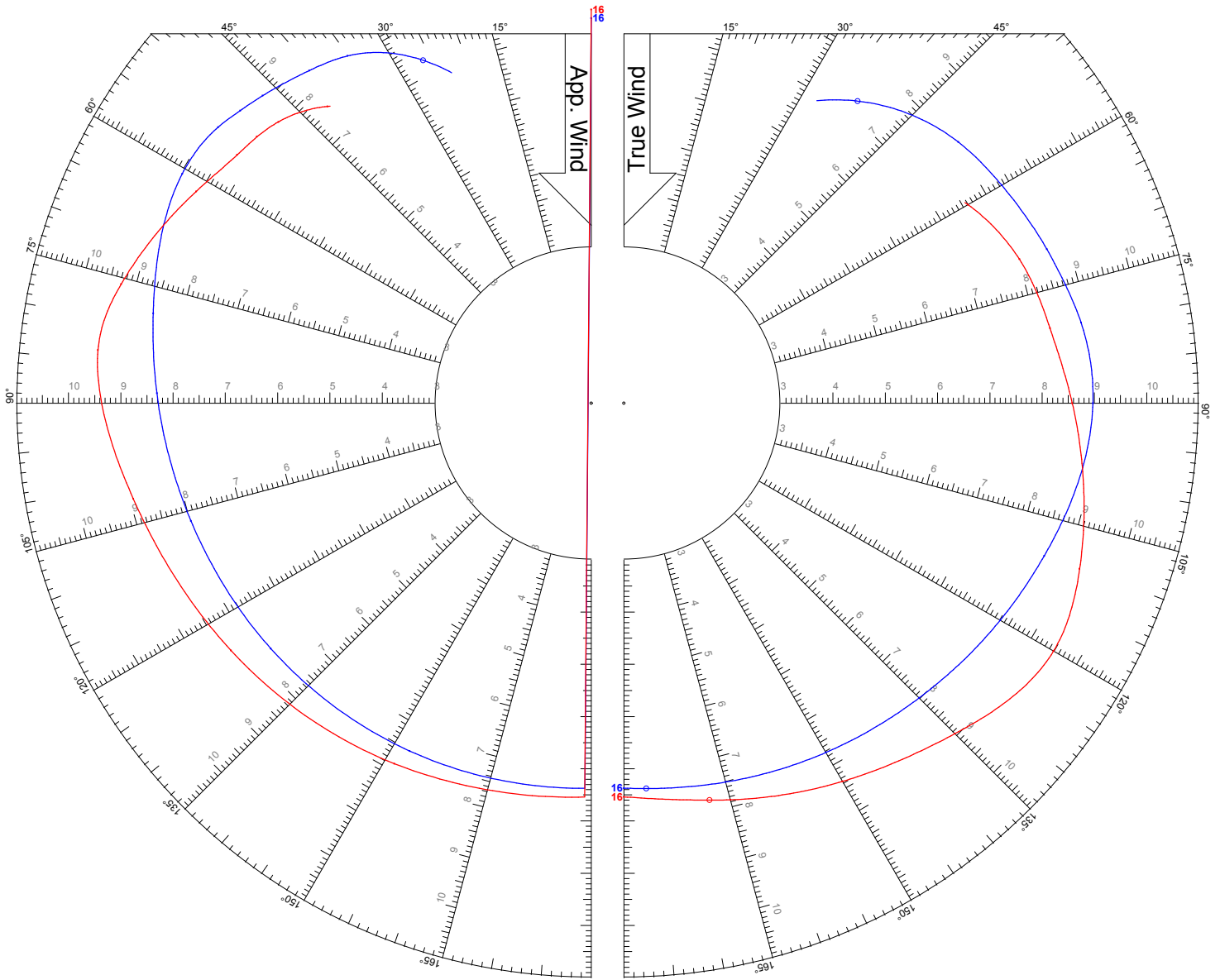
TWS: 14 kts

Jib

Asymmetric Spinnaker on Centerline

SPEED GUIDE

DEEP KEEL CARBON ASYMMETRIC



Polar Plot for Boat

Name **Dehler42**
Class **DEHLER 42**
Designer **JUDEL/VROLIJK**
Builder **DEHLER**
Issued On **31.07.2015 - VPP 2015 1.01**

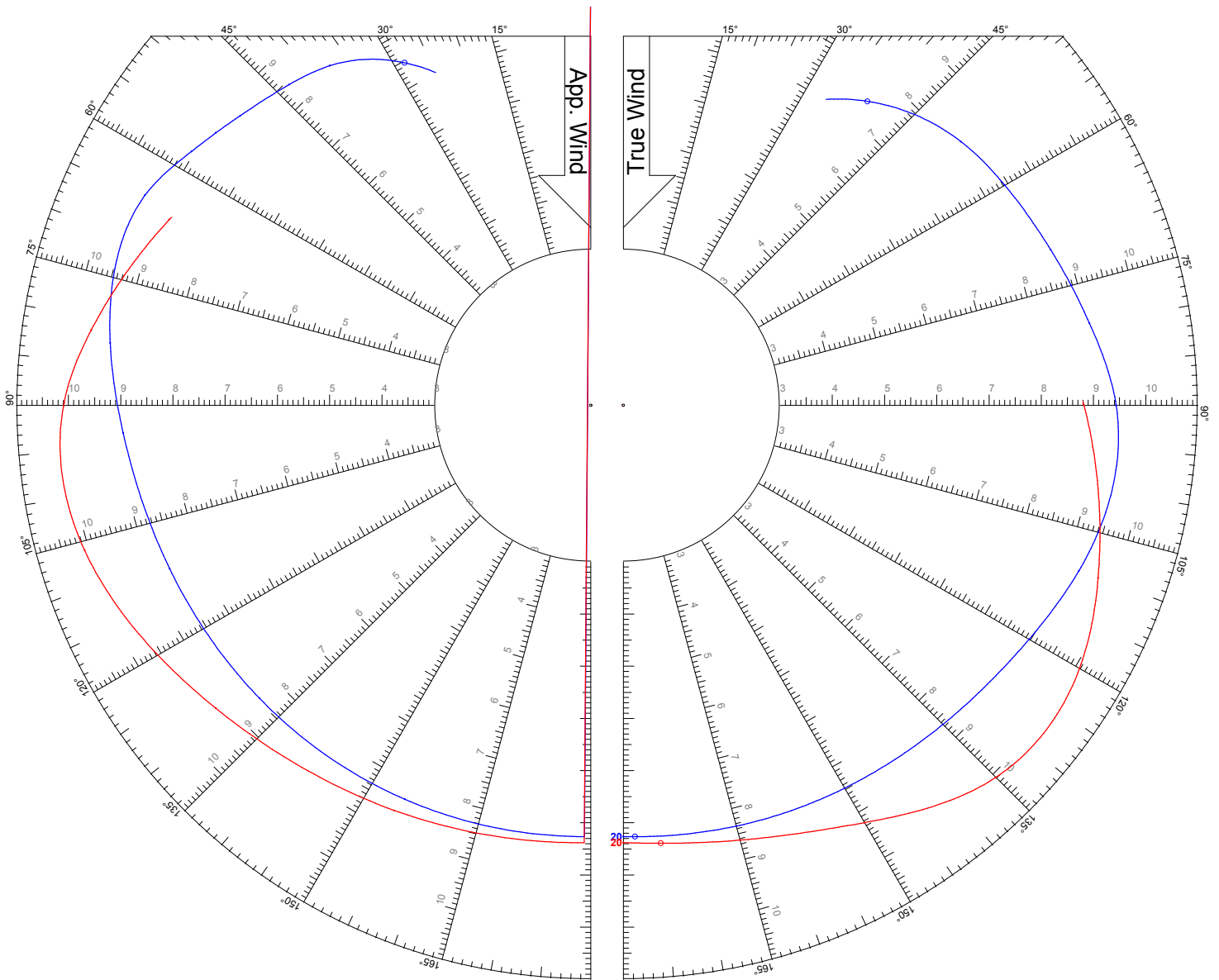
TWS: 16 kts

Jib

Asymmetric Spinnaker on Centerline

SPEED GUIDE

DEEP KEEL CARBON ASYMMETRIC



Polar Plot for Boat

Name **Dehler42**
Class **DEHLER 42**
Designer **JUDEL/VROLIJK**
Builder **DEHLER**
Issued On **31.07.2015 - VPP 2015 1.01**

TWS: 20 kts

Jib

Asymmetric Spinnaker on Centerline

SPEED GUIDE

DEEP KEEL CARBON ASYMMETRIC



World Leader in Rating Technology
© Offshore Racing Congress 2015
www.orc.org

Polar Tables

Boat Name: **Dehler42**

Sail: **Best Performance**

Issued On: **31.07.2015 - VPP 2015 1.01**

TWS = 6 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
43.8° (b)	5.05	3.64	10.26	23.9°	4.5°	1.00	0.96
52°	5.61	3.46	10.44	26.9°	4.8°	1.00	0.97
60°	5.98	2.99	10.37	30.1°	4.8°	1.00	1.00
70°	6.24	2.14	10.03	34.2°	4.4°	1.00	1.00
75°	6.30	1.63	9.76	36.4°	4.2°	1.00	1.00
80°	6.32	1.10	9.44	38.7°	3.9°	1.00	1.00
90°	6.34	0.00	8.73	43.4°	13.1°	1.00	1.00
110°	6.19	2.12	6.99	53.7°	11.8°	1.00	1.00
120°	5.98	2.99	5.99	60.1°	11.1°	1.00	1.00
135°	5.29	3.74	4.37	76.2°	8.5°	1.00	1.00
150°	4.27	3.70	3.14	107.2°	6.5°	1.00	1.00
165°	3.50	3.38	2.77	146.0°	6.0°	1.00	1.00
180°	3.20	3.20	2.80	0.0°	5.8°	1.00	1.00
142.1° (r)	4.82	3.80	3.69	88.6°	7.4°	1.00	1.00

TWS = 8 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
42.5° (b)	6.02	4.44	13.09	24.4°	10.1°	1.00	0.96
52°	6.74	4.15	13.26	28.4°	10.9°	1.00	0.98
60°	7.12	3.56	13.10	31.9°	10.8°	1.00	1.00
70°	7.36	2.52	12.59	36.7°	9.0°	1.00	1.00
75°	7.41	1.92	12.23	39.2°	7.9°	1.00	1.00
80°	7.43	1.29	11.82	41.8°	6.7°	1.00	1.00
90°	7.60	0.00	11.03	46.5°	16.6°	1.00	1.00
110°	7.48	2.56	8.89	57.8°	14.3°	1.00	1.00
120°	7.35	3.67	7.69	64.2°	12.3°	1.00	1.00
135°	6.50	4.60	5.72	81.5°	10.2°	1.00	1.00
150°	5.46	4.73	4.26	110.1°	7.2°	1.00	1.00
165°	4.60	4.44	3.75	146.5°	6.2°	1.00	1.00
180°	4.23	4.23	3.77	0.0°	6.0°	1.00	1.00
144.7° (r)	5.85	4.78	4.67	98.3°	8.0°	1.00	1.00

TWS = 10 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
41.5° (b)	6.79	5.09	15.74	24.9°	18.7°	1.00	0.94
52°	7.57	4.66	15.82	29.9°	19.6°	1.00	0.96
60°	7.83	3.92	15.48	34.0°	19.0°	1.00	1.00
70°	7.98	2.73	14.77	39.5°	15.4°	1.00	1.00
75°	8.01	2.07	14.34	42.4°	13.4°	1.00	1.00
80°	8.01	1.39	13.86	45.3°	11.4°	1.00	1.00
90°	8.12	0.00	12.88	50.9°	22.1°	1.00	0.94
110°	8.20	2.80	10.54	63.1°	16.2°	1.00	1.00
120°	8.06	4.03	9.18	70.5°	13.3°	1.00	1.00
135°	7.50	5.31	7.08	86.5°	11.2°	1.00	1.00
150°	6.48	5.61	5.46	113.6°	8.1°	1.00	1.00
165°	5.58	5.39	4.83	147.6°	6.6°	1.00	1.00
180°	5.18	5.18	4.82	0.0°	6.1°	1.00	1.00
146.4° (r)	6.75	5.62	5.75	106.0°	8.7°	1.00	1.00

TWS = 12 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.9° (b)	7.11	5.46	18.04	25.2°	22.8°	1.00	0.82
52°	7.90	4.86	17.97	31.7°	25.2°	1.00	0.87
60°	8.14	4.07	17.55	36.3°	25.7°	1.00	0.94
70°	8.31	2.84	16.77	42.2°	22.9°	1.00	0.99
75°	8.36	2.16	16.30	45.3°	20.1°	1.00	1.00
80°	8.37	1.45	15.77	48.5°	16.9°	1.00	1.00
90°	8.30	0.00	14.59	55.3°	11.1°	1.00	1.00
110°	8.70	2.97	12.18	67.8°	18.7°	1.00	1.00
120°	8.47	4.24	10.68	76.6°	15.4°	1.00	1.00
135°	8.08	5.72	8.49	92.7°	11.8°	1.00	1.00
150°	7.36	6.38	6.72	116.8°	9.1°	1.00	1.00
165°	6.47	6.25	5.99	148.8°	7.0°	1.00	1.00
180°	6.05	6.05	5.95	0.0°	6.4°	1.00	1.00
153.5° (r)	7.15	6.40	6.45	123.9°	8.4°	1.00	1.00

TWS = 14 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
38.6° (b)	7.24	5.66	20.17	25.7°	23.8°	1.00	0.69
52°	8.04	4.95	19.98	33.5°	26.5°	1.00	0.75
60°	8.27	4.13	19.50	38.5°	27.2°	1.00	0.81
70°	8.50	2.91	18.70	44.7°	28.0°	1.00	0.91
75°	8.60	2.23	18.23	47.9°	26.4°	1.00	0.96
80°	8.66	1.50	17.70	51.2°	24.5°	1.00	1.00
90°	8.63	0.00	16.44	58.4°	15.5°	1.00	1.00
110°	9.07	3.10	13.84	72.0°	22.0°	0.99	0.94
120°	8.95	4.48	12.28	80.9°	16.8°	1.00	1.00
135°	8.50	6.01	10.00	98.1°	12.4°	1.00	1.00
150°	7.96	6.89	8.14	120.7°	10.3°	1.00	1.00
165°	7.27	7.02	7.23	149.9°	7.6°	1.00	1.00
180°	6.84	6.84	7.16	0.0°	6.6°	1.00	1.00
159.2° (r)	7.56	7.06	7.44	138.0°	8.4°	1.00	1.00

TWS = 16 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
37.7° (b)	7.31	5.78	22.24	26.1°	24.0°	1.00	0.58
52°	8.12	5.00	21.95	35.1°	26.9°	1.00	0.64
60°	8.34	4.17	21.43	40.3°	27.9°	1.00	0.70
70°	8.61	2.94	20.60	46.9°	28.8°	1.00	0.80
75°	8.74	2.26	20.12	50.2°	29.1°	1.00	0.86
80°	8.88	1.54	19.60	53.5°	29.1°	1.00	0.93
90°	8.97	0.00	18.34	60.7°	21.5°	1.00	1.00
110°	9.28	3.17	15.51	75.8°	22.0°	0.92	0.94
120°	9.49	4.75	13.94	83.9°	21.8°	1.00	0.99
135°	8.95	6.33	11.56	101.8°	13.3°	1.00	1.00
150°	8.36	7.24	9.71	124.5°	11.0°	1.00	1.00
165°	7.86	7.59	8.65	151.4°	8.3°	1.00	1.00
180°	7.54	7.54	8.46	0.0°	7.0°	1.00	1.00
167.8° (r)	7.77	7.60	8.56	156.8°	7.9°	1.00	1.00

TWS = 20 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
38.8° (b)	7.47	5.82	26.24	28.5°	24.8°	0.57	0.57
52°	8.20	5.05	25.87	37.5°	26.9°	0.72	0.57
60°	8.43	4.22	25.29	43.2°	27.0°	0.84	0.57
70°	8.71	2.98	24.39	50.4°	29.5°	1.00	0.61
75°	8.87	2.30	23.89	54.0°	30.3°	1.00	0.67
80°	9.06	1.57	23.35	57.5°	30.9°	1.00	0.74
90°	9.43	0.00	22.11	64.7°	31.5°	1.00	0.90
110°	9.67	3.31	19.01	81.4°	22.0°	0.82	0.94
120°	10.08	5.04	17.32	89.7°	22.0°	0.91	0.95
135°	10.08	7.13	14.71	106.0°	16.2°	1.00	1.00
150°	9.23	8.00	12.86	129.0°	12.1°	1.00	1.00
165°	8.63	8.33	11.88	154.2°	10.2°	1.00	1.00
180°	8.38	8.38	11.62	0.0°	8.0°	1.00	1.00
175.1° (r)	8.42	8.39	11.63	171.6°	8.5°	1.00	1.00

SPEED GUIDE

DEEP KEEL CARBON ASYMMETRIC



World Leader in Rating Technology
© Offshore Racing Congress 2015
www.orc.org

Polar Tables

Boat Name: **Dehler42**

Sail: **Jib**

Issued On: **31.07.2015 - VPP 2015 1.01**

TWS = 6 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
43.8° (b)	5.05	3.64	10.15	23.6°	4.5°	1.00	0.96
52°	5.61	3.46	10.33	26.6°	4.8°	1.00	0.97
60°	5.98	2.99	10.27	29.7°	4.8°	1.00	1.00
70°	6.24	2.14	9.93	33.8°	4.4°	1.00	1.00
75°	6.30	1.63	9.67	35.9°	4.2°	1.00	1.00
80°	6.32	1.10	9.35	38.2°	3.9°	1.00	1.00
90°	6.24	0.00	8.58	43.3°	3.2°	1.00	1.00
110°	5.53	1.89	6.56	57.6°	1.9°	1.00	1.00
120°	4.90	2.45	5.46	69.1°	1.2°	1.00	1.00
135°	3.92	2.77	4.18	93.4°	0.7°	1.00	1.00
150°	3.43	2.97	3.39	119.6°	0.4°	1.00	1.00
165°	3.20	3.09	2.92	148.6°	0.3°	1.00	1.00
180°	3.09	3.09	2.80	180.0°	0.1°	1.00	1.00
172.2° (r)	3.13	3.11	2.82	163.4°	0.2°	1.00	1.00

TWS = 8 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
42.5° (b)	6.02	4.44	12.91	23.8°	10.1°	1.00	0.96
52°	6.74	4.15	13.06	27.7°	10.9°	1.00	0.98
60°	7.12	3.56	12.90	31.1°	10.8°	1.00	1.00
70°	7.36	2.52	12.41	35.9°	9.0°	1.00	1.00
75°	7.41	1.92	12.07	38.5°	7.9°	1.00	1.00
80°	7.43	1.29	11.67	41.1°	6.7°	1.00	1.00
90°	7.35	0.00	10.74	46.8°	4.7°	1.00	1.00
110°	6.60	2.26	8.35	62.1°	2.6°	1.00	1.00
120°	5.98	2.99	7.11	73.2°	1.8°	1.00	1.00
135°	5.04	3.57	5.58	95.3°	1.0°	1.00	1.00
150°	4.51	3.90	4.55	120.3°	0.7°	1.00	1.00
165°	4.23	4.09	3.93	148.8°	0.4°	1.00	1.00
180°	4.10	4.10	3.76	180.0°	0.1°	1.00	1.00
172.9° (r)	4.15	4.11	3.78	165.1°	0.3°	1.00	1.00

TWS = 10 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
41.5° (b)	6.79	5.09	15.36	23.5°	18.7°	1.00	0.94
52°	7.57	4.66	15.37	28.1°	19.6°	1.00	0.96
60°	7.83	3.92	15.00	32.1°	19.0°	1.00	1.00
70°	7.98	2.73	14.37	38.0°	15.4°	1.00	1.00
75°	8.01	2.07	13.99	41.1°	13.4°	1.00	1.00
80°	8.01	1.39	13.55	44.2°	11.4°	1.00	1.00
90°	7.95	0.00	12.56	50.7°	7.5°	1.00	1.00
110°	7.43	2.54	10.08	66.1°	3.3°	1.00	1.00
120°	6.88	3.44	8.72	77.0°	2.3°	1.00	1.00
135°	5.99	4.23	7.01	97.9°	1.5°	1.00	1.00
150°	5.47	4.74	5.78	121.7°	1.1°	1.00	1.00
165°	5.18	5.00	5.00	149.5°	0.7°	1.00	1.00
180°	5.03	5.03	4.79	180.0°	0.2°	1.00	1.00
174.0° (r)	5.08	5.05	4.81	167.6°	0.4°	1.00	1.00

TWS = 12 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.9° (b)	7.11	5.46	17.46	23.2°	22.8°	1.00	0.82
52°	7.90	4.86	17.18	28.8°	25.2°	1.00	0.87
60°	8.14	4.07	16.63	33.0°	25.7°	1.00	0.94
70°	8.31	2.84	15.90	39.3°	22.9°	1.00	0.99
75°	8.36	2.16	15.55	43.0°	20.1°	1.00	1.00
80°	8.37	1.45	15.16	46.7°	16.9°	1.00	1.00
90°	8.30	0.00	14.21	54.3°	11.1°	1.00	1.00
110°	7.93	2.71	11.71	70.6°	4.0°	1.00	1.00
120°	7.57	3.79	10.33	80.6°	2.9°	1.00	1.00
135°	6.82	4.82	8.47	100.3°	2.0°	1.00	1.00
150°	6.33	5.48	7.06	123.4°	1.5°	1.00	1.00
165°	6.04	5.83	6.16	150.3°	0.9°	1.00	1.00
180°	5.88	5.88	5.91	180.0°	0.2°	1.00	1.00
174.9° (r)	5.92	5.90	5.92	169.8°	0.5°	1.00	1.00

TWS = 14 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
38.6° (b)	7.24	5.66	19.46	23.5°	23.8°	1.00	0.69
52°	8.04	4.95	18.95	30.2°	26.5°	1.00	0.75
60°	8.27	4.13	18.28	34.7°	27.2°	1.00	0.81
70°	8.50	2.91	17.26	40.5°	28.0°	1.00	0.91
75°	8.60	2.23	16.85	44.1°	26.4°	1.00	0.96
80°	8.66	1.50	16.41	47.8°	24.5°	1.00	1.00
90°	8.63	0.00	15.75	56.8°	15.5°	1.00	1.00
110°	8.26	2.82	13.35	74.6°	5.0°	1.00	1.00
120°	8.00	4.00	11.94	84.6°	3.6°	1.00	1.00
135°	7.52	5.32	9.96	102.8°	2.5°	1.00	1.00
150°	7.11	6.16	8.38	124.9°	1.9°	1.00	1.00
165°	6.82	6.59	7.38	151.2°	1.2°	1.00	1.00
180°	6.67	6.67	7.09	180.0°	0.3°	1.00	1.00
175.6° (r)	6.70	6.68	7.10	171.4°	0.6°	1.00	1.00

TWS = 16 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
37.7° (b)	7.31	5.78	21.41	23.9°	24.0°	1.00	0.58
52°	8.12	5.00	20.72	31.6°	26.9°	1.00	0.64
60°	8.34	4.17	19.94	36.3°	27.9°	1.00	0.70
70°	8.61	2.94	18.81	42.4°	28.8°	1.00	0.80
75°	8.74	2.26	18.21	45.6°	29.1°	1.00	0.86
80°	8.88	1.54	17.59	48.9°	29.1°	1.00	0.93
90°	8.97	0.00	17.03	58.2°	21.5°	1.00	1.00
110°	8.55	2.93	14.98	77.7°	7.2°	1.00	1.00
120°	8.31	4.16	13.57	88.1°	4.5°	1.00	1.00
135°	7.98	5.64	11.53	105.8°	3.2°	1.00	1.00
150°	7.72	6.69	9.81	126.9°	2.4°	1.00	1.00
165°	7.51	7.25	8.68	152.1°	1.5°	1.00	1.00
180°	7.37	7.37	8.35	180.0°	0.4°	1.00	1.00
176.7° (r)	7.39	7.38	8.35	173.7°	0.7°	1.00	1.00

TWS = 20 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
38.8° (b)	7.47	5.82	24.00	25.5°	24.8°	0.57	0.57
52°	8.20	5.05	23.57	33.6°	26.9°	0.72	0.57
60°	8.43	4.22	23.07	39.2°	27.0°	0.84	0.57
70°	8.71	2.98	21.95	45.8°	29.5°	1.00	0.61
75°	8.87	2.30	21.20	49.2°	30.3°	1.00	0.67
80°	9.06	1.57	20.44	52.7°	30.9°	1.00	0.74
90°	9.43	0.00	18.91	60.1°	31.5°	1.00	0.90
110°	9.28	3.17	18.01	81.7°	14.2°	1.00	1.00
120°	8.97	4.48	16.80	92.9°	8.9°	1.00	1.00
135°	8.65	6.12	14.79	110.7°	5.2°	1.00	1.00
150°	8.47	7.34	13.00	131.1°	3.6°	1.00	1.00
165°	8.35	8.06	11.78	154.5°	2.3°	1.00	1.00
180°	8.26	8.26	11.39	180.0°	0.7°	1.00	1.00
178.5° (r)	8.27	8.27	11.39	177.3°	0.9°	1.00	1.00

SPEED GUIDE

DEEP KEEL CARBON ASYMMETRIC



World Leader in Rating Technology
© Offshore Racing Congress 2015
www.orc.org

Polar Tables

Boat Name: **Dehler42**

Sail: **Asymmetric Spinnaker on CL**

Issued On: **31.07.2015 - VPP 2015 1.01**

TWS = 6 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	4.56	2.28	9.14	34.1°	11.8°	1.00	0.97
70°	5.42	1.85	9.31	36.5°	12.5°	1.00	0.97
75°	5.75	1.49	9.26	37.9°	12.8°	1.00	0.98
80°	6.02	1.04	9.14	39.4°	13.0°	1.00	0.98
90°	6.34	0.00	8.64	42.9°	13.1°	1.00	1.00
110°	6.19	2.12	6.92	53.4°	11.8°	1.00	1.00
120°	5.98	2.99	5.93	60.0°	11.1°	1.00	1.00
135°	5.29	3.74	4.35	76.6°	8.5°	1.00	1.00
150°	4.27	3.70	3.16	107.9°	6.5°	1.00	1.00
165°	3.50	3.38	2.82	146.5°	6.0°	1.00	1.00
180°	3.20	3.20	2.86	180.0°	5.8°	1.00	1.00
142.1° (r)	4.82	3.80	3.69	89.3°	7.4°	1.00	1.00

TWS = 8 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	5.82	2.91	11.92	34.4°	15.0°	1.00	0.97
70°	6.78	2.32	11.97	37.2°	16.3°	1.00	0.97
75°	7.14	1.85	11.84	38.9°	16.8°	1.00	0.97
80°	7.38	1.28	11.58	40.7°	17.0°	1.00	0.98
90°	7.60	0.00	10.81	45.4°	16.6°	1.00	1.00
110°	7.48	2.56	8.72	57.2°	14.3°	1.00	1.00
120°	7.35	3.67	7.58	64.0°	12.3°	1.00	1.00
135°	6.50	4.60	5.67	81.9°	10.2°	1.00	1.00
150°	5.46	4.73	4.29	110.9°	7.2°	1.00	1.00
165°	4.60	4.44	3.82	147.0°	6.2°	1.00	1.00
180°	4.23	4.23	3.85	180.0°	6.0°	1.00	1.00
144.7° (r)	5.85	4.78	4.67	99.0°	8.0°	1.00	1.00

TWS = 10 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.87	3.44	14.41	34.5°	19.8°	1.00	0.95
70°	7.59	2.59	13.98	38.2°	22.2°	0.96	0.92
75°	7.79	2.02	13.65	40.6°	22.2°	0.97	0.89
80°	7.94	1.38	13.25	43.2°	22.2°	0.96	0.92
90°	8.12	0.00	12.31	48.7°	22.1°	1.00	0.94
110°	8.20	2.80	10.24	62.3°	16.2°	1.00	1.00
120°	8.06	4.03	9.00	70.3°	13.3°	1.00	1.00
135°	7.50	5.31	7.00	86.9°	11.2°	1.00	1.00
150°	6.48	5.61	5.48	114.3°	8.1°	1.00	1.00
165°	5.58	5.39	4.91	148.1°	6.6°	1.00	1.00
180°	5.18	5.18	4.91	180.0°	6.1°	1.00	1.00
146.4° (r)	6.75	5.62	5.75	106.7°	8.7°	1.00	1.00

TWS = 12 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.27	3.63	16.23	35.7°	22.5°	0.91	0.92
70°	7.83	2.68	15.69	40.9°	22.2°	0.89	0.85
75°	7.99	2.07	15.27	43.7°	22.3°	0.89	0.86
80°	8.11	1.41	14.79	46.6°	22.1°	0.88	0.93
90°	8.27	0.00	13.73	53.0°	22.1°	0.91	0.93
110°	8.70	2.97	11.65	66.8°	18.7°	1.00	1.00
120°	8.47	4.24	10.36	76.4°	15.4°	1.00	1.00
135°	8.08	5.72	8.38	93.1°	11.8°	1.00	1.00
150°	7.36	6.38	6.74	117.5°	9.1°	1.00	1.00
165°	6.47	6.25	6.08	149.3°	7.0°	1.00	1.00
180°	6.05	6.05	6.06	180.0°	6.4°	1.00	1.00
153.5° (r)	7.15	6.40	6.49	124.6°	8.4°	1.00	1.00

TWS = 14 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.48	3.74	18.01	37.4°	22.2°	0.83	0.87
70°	7.98	2.73	17.31	43.1°	22.2°	0.81	0.86
75°	8.12	2.10	16.83	46.3°	22.1°	0.80	0.93
80°	8.22	1.43	16.32	49.6°	22.1°	0.81	0.93
90°	8.41	0.00	15.20	56.4°	22.0°	0.83	0.93
110°	9.07	3.10	12.91	70.6°	22.0°	0.99	0.94
120°	8.95	4.48	11.81	80.6°	16.8°	1.00	1.00
135°	8.50	6.01	9.84	98.6°	12.4°	1.00	1.00
150°	7.96	6.89	8.14	121.5°	10.3°	1.00	1.00
165°	7.27	7.02	7.33	150.4°	7.6°	1.00	1.00
180°	6.84	6.84	7.28	180.0°	6.6°	1.00	1.00
159.2° (r)	7.56	7.06	7.51	138.7°	8.4°	1.00	1.00

TWS = 16 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.60	3.80	19.73	38.9°	22.5°	0.78	0.78
70°	8.05	2.75	18.96	45.2°	22.4°	0.78	0.77
75°	8.18	2.12	18.45	48.6°	22.4°	0.78	0.80
80°	8.28	1.44	17.88	52.2°	22.3°	0.78	0.82
90°	8.58	0.00	16.74	59.2°	22.0°	0.78	0.90
110°	9.28	3.17	14.32	74.3°	22.0°	0.92	0.94
120°	9.49	4.75	12.95	83.4°	21.8°	1.00	0.99
135°	8.95	6.33	11.34	102.4°	13.3°	1.00	1.00
150°	8.36	7.24	9.69	125.3°	11.0°	1.00	1.00
165°	7.86	7.59	8.76	151.9°	8.3°	1.00	1.00
180°	7.54	7.54	8.61	180.0°	7.0°	1.00	1.00
167.8° (r)	7.77	7.60	8.68	157.2°	7.9°	1.00	1.00

TWS = 20 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	-0.01	-0.01	17.81	57.2°	26.4°	0.78	0.60
70°	-0.01	0.00	17.54	67.9°	26.4°	0.78	0.60
75°	-0.01	0.00	17.43	73.4°	26.4°	0.78	0.60
80°	-0.01	0.00	17.36	78.9°	26.4°	0.78	0.60
90°	8.82	0.00	19.98	63.8°	22.3°	0.78	0.66
110°	9.67	3.31	17.23	79.9°	22.0°	0.82	0.94
120°	10.08	5.04	15.85	89.2°	22.0°	0.91	0.95
135°	10.08	7.13	14.24	106.8°	16.2°	1.00	1.00
150°	9.23	8.00	12.82	129.8°	12.1°	1.00	1.00
165°	8.63	8.33	12.00	154.7°	10.2°	1.00	1.00
180°	8.38	8.38	11.79	180.0°	8.0°	1.00	1.00
175.1° (r)	8.42	8.39	11.80	171.7°	8.5°	1.00	1.00